

Dylan Mumm

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CPSC 3600

Lab 1

1. List 3 different protocols that appear in the protocol column in the unfiltered packet-listing window in step 7 above.
 - TCP
 - ARP
 - TLS
2. How long did it take from when the HTTP GET message was sent until the HTTP OK reply was received? (By default, the value of the Time column in the packetlisting window is the amount of time, in seconds, since Wireshark tracing began.
 - 0.039099 seconds
3. What is the Internet address of the gaia.cs.umass.edu (also known as wwwnet.cs.umass.edu)?
 - 10.167.16.34

What is the Internet address of your computer?

 - 128.119.245.12
4. Print the two HTTP messages (GET and OK) referred to in question 2 above. To do so, select Print from the Wireshark File command menu, and select the "Selected Packet Only" and "Print as displayed" radial buttons, and then click OK.

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No.      Time      Source      Destination      Protocol Length Info
 5267 29.057343 10.167.16.34 128.119.245.12   HTTP      489      GET /wireshark-labs/INTRO-wireshark-file1.html HTTP/1.1
Frame 5267: 489 bytes on wire (3912 bits), 489 bytes captured (3912 bits) on interface 0
Ethernet II, Src: Micro-St_a0:5b:42 (d8:cb:8a:a0:5b:42), Dst: Routerbo_3b:09:cb (e4:8d:8c:3b:09:cb)
Internet Protocol Version 4, Src: 10.167.16.34, Dst: 128.119.245.12
Transmission Control Protocol, Src Port: 50774, Dst Port: 80, Seq: 1, Ack: 1, Len: 435
Hypertext Transfer Protocol
No.      Time      Source      Destination      Protocol Length Info
 5270 29.096442 128.119.245.12 10.167.16.34   HTTP      492      HTTP/1.1 200 OK (text/html)
Frame 5270: 492 bytes on wire (3936 bits), 492 bytes captured (3936 bits) on interface 0
Ethernet II, Src: Routerbo_3b:09:cb (e4:8d:8c:3b:09:cb), Dst: Micro-St_a0:5b:42 (d8:cb:8a:a0:5b:42)
Internet Protocol Version 4, Src: 128.119.245.12, Dst: 10.167.16.34
Transmission Control Protocol, Src Port: 80, Dst Port: 50774, Seq: 1, Ack: 436, Len: 438
Hypertext Transfer Protocol
Line-based text data: text/html (3 lines)
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